

Title (en)  
DISPLAY DEVICE

Title (de)  
ANZEIGEVORRICHTUNG

Title (fr)  
DISPOSITIF D'AFFICHAGE

Publication  
**EP 3826064 A4 20220420 (EN)**

Application  
**EP 18926857 A 20181213**

Priority  
• KR 20180084255 A 20180719  
• KR 2018015859 W 20181213

Abstract (en)  
[origin: EP3826064A1] A display device is provided. The display device comprises a first electrode stem and a second electrode stem extended in a first direction and spaced apart from each other, at least one electrode branch branching off from the first electrode stem and extended in a second direction, a second electrode branch branching off from the second electrode stem and extended in the second direction, at least one third electrode disposed between the first electrode branch and the second electrode branch and one or more light-emitting elements disposed between the first electrode branch and the third electrode and between the third electrode and the second electrode branch, wherein the third electrode is extended in the second direction, and both ends of the third electrode in the second direction are spaced apart from the first electrode stem and from the second electrode stem, respectively.

IPC 8 full level  
**H01L 25/075** (2006.01); **H01L 25/16** (2006.01); **H01L 33/62** (2010.01)

CPC (source: EP KR US)  
**H01L 25/0753** (2013.01 - EP); **H01L 25/167** (2013.01 - EP); **H01L 27/124** (2013.01 - KR); **H01L 27/156** (2013.01 - KR US);  
**H01L 33/382** (2013.01 - US); **H01L 33/62** (2013.01 - KR US); **H01L 33/62** (2013.01 - EP)

Citation (search report)  
• [XY] US 2011316009 A1 20111229 - FUKASAWA KOICHI [JP]  
• [Y] US 2018138157 A1 20180517 - IM HYUN DEOK [KR], et al  
• See also references of WO 2020017712A1

Cited by  
EP4040494A4

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
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KR 102587133 B1 20231010; KR 20200010701 A 20200131; KR 20230143602 A 20231012; TW 202013713 A 20200401;  
TW 202404073 A 20240116; TW I830755 B 20240201; US 11990566 B2 20240521; US 2021288220 A1 20210916;  
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US 201817260944 A 20181213